



# FEMA



Prepared by  
*Todd Beal*

# FEMA Region 6 Weather Threat Briefing

Wednesday September 2, 2020

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)



- **Moderate to high risk of flash flooding today across parts of OK, AR, and NTX.**
- **Heat advisories in effect for recovery areas in SW LA/SE TX.**
- **Marginal risk of severe storms today across E AR.**
- **No impacts expected from TS Nana and TS Omar.**
- **Tropical Weather Outlook**
  - **Area 1 in the central Atlantic has a low chance...30 percent of development in the next five days. No impacts expected.**
  - **Area 2 near the west coast of Africa has a medium chance...60 percent of development in the next five days. No impacts expected in the next 5 days.**

# FEMA Region 6 Threat Matrix

Sep 2, 2020 - Sep 6, 2020



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DAY / THREAT	Wed	Thu	Fri	Sat	Sun
Severe Storms	E AR				
Heavy Rain / Flash Flooding	Central AR	TX, SE OK, NW LA, SW AR	TX		
	SE OK, N TX, AR				
Fire Weather					
Tropical Winds / Surge					
Heat	SE TX, SW LA				
River Flooding	E OK, AR	E OK, AR	E OK, AR	SW LA, AR	SW LA, AR
	SW LA	SW LA	SW LA		

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# Tropical Weather Outlook – Atlantic/Gulf



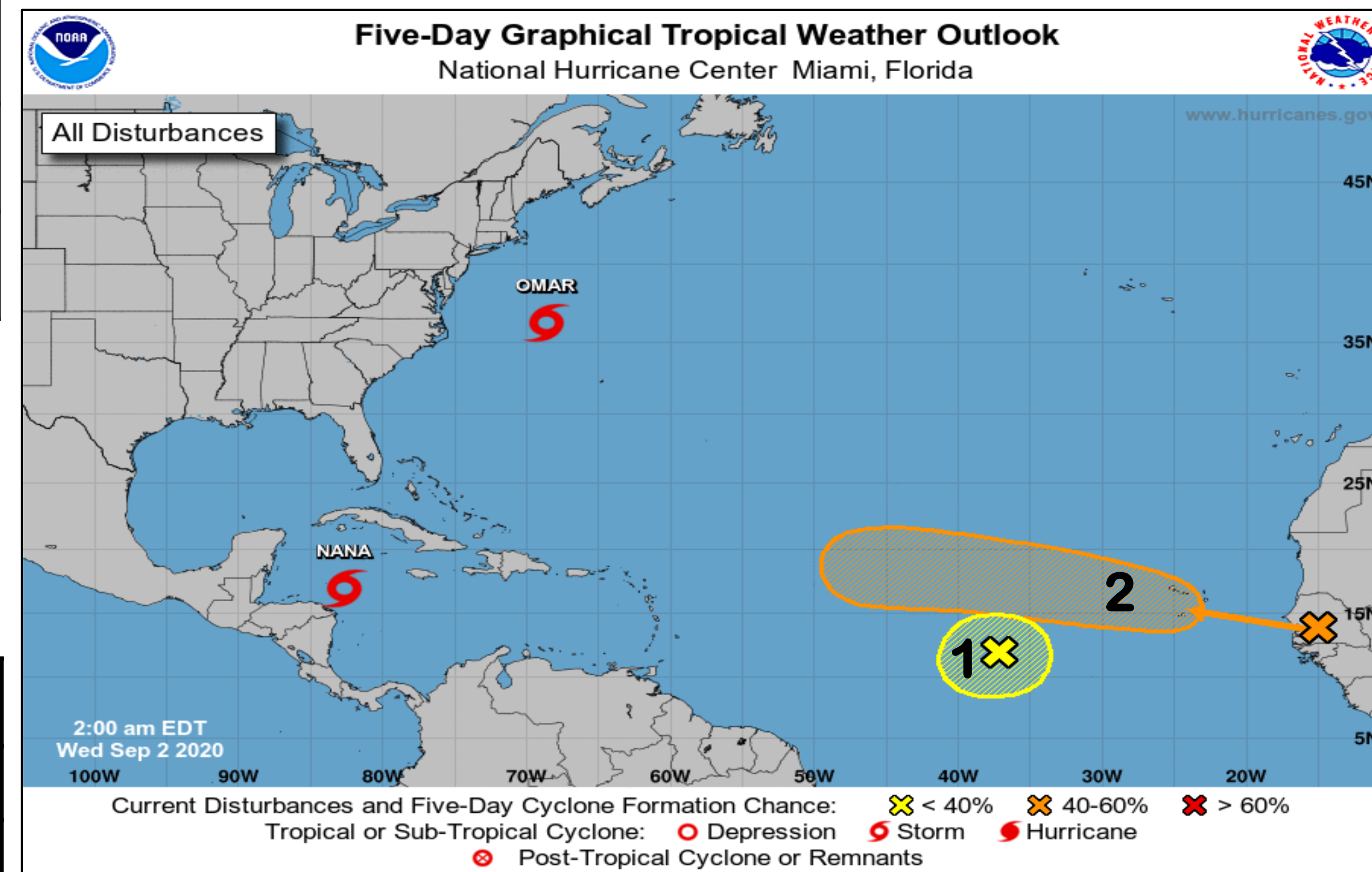
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## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None.
2	Medium	None.

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
TS Omar	None.
TS Nana	None.



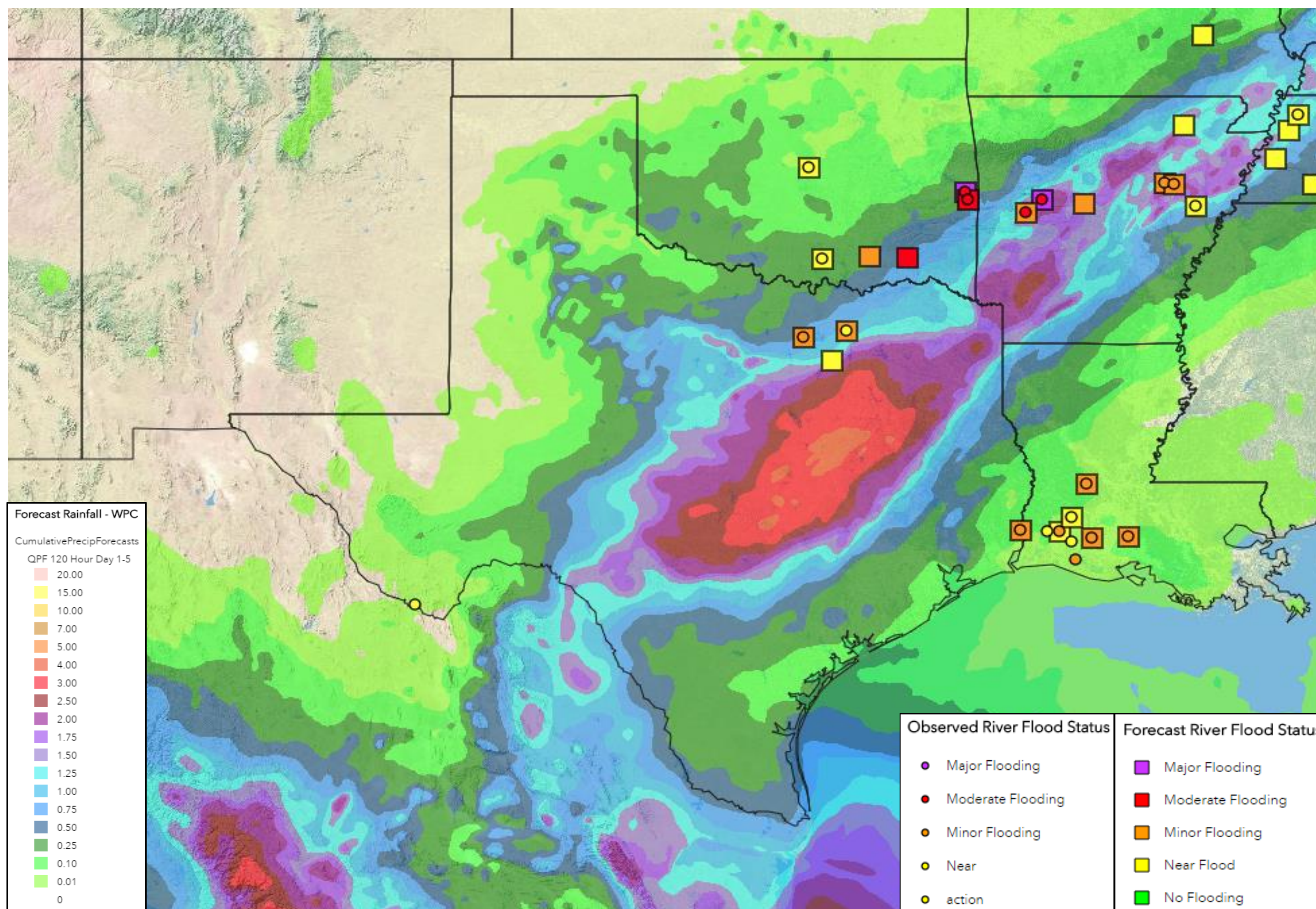


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Minor river flooding will continue in SW LA throughout this week with no significant impacts. Impacts mostly to recreational areas (camps and parks) and secondary roads.**

**Brief moderate to major river flooding in E OK and W AR due to recent heavy rains. Agricultural impacts and roadways are flooded. For the Petit Jean River in AR, some low-lying parts of Danville flood. Residences and businesses in the floodplain are impacted.**

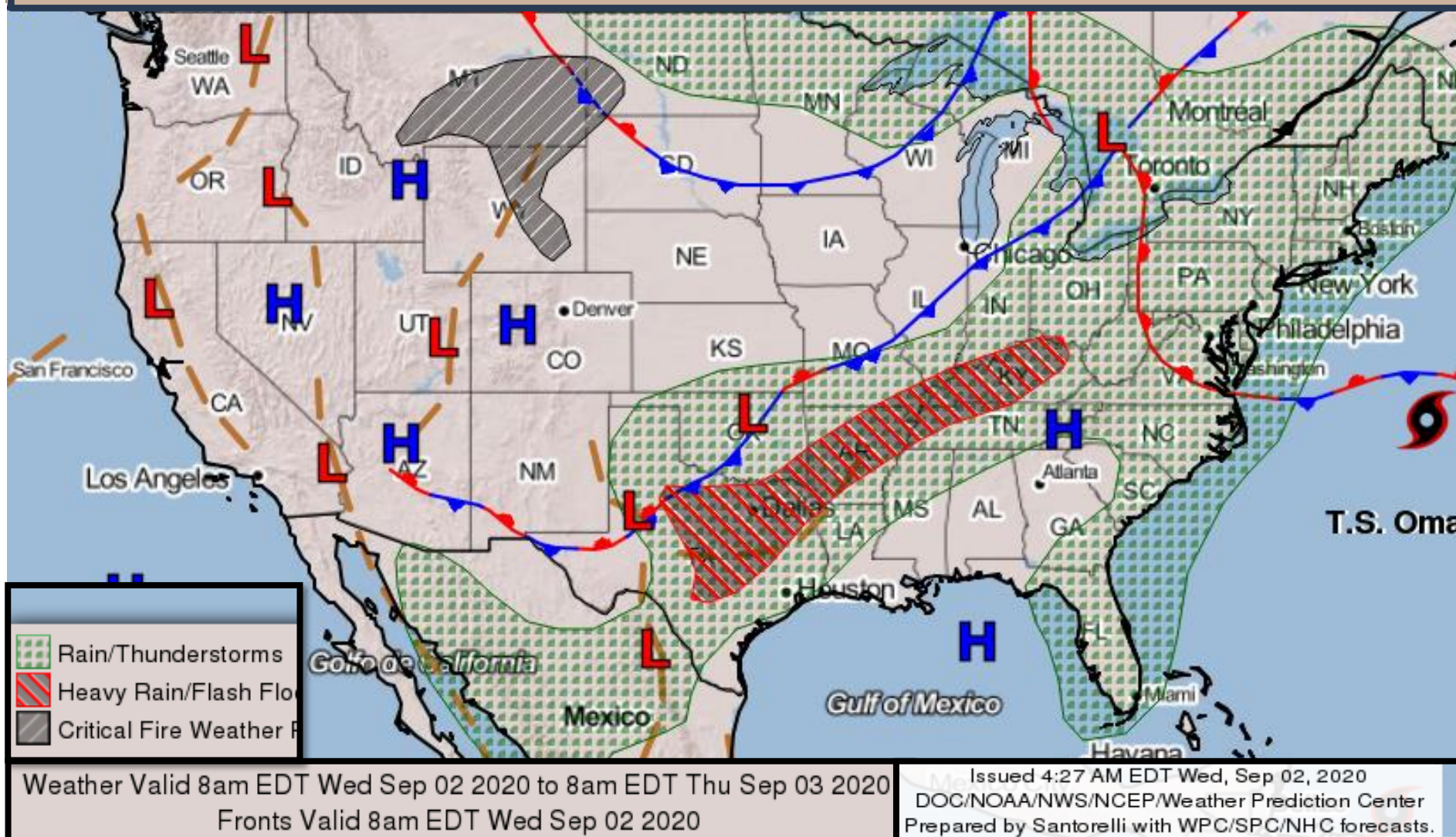


# Today's Weather

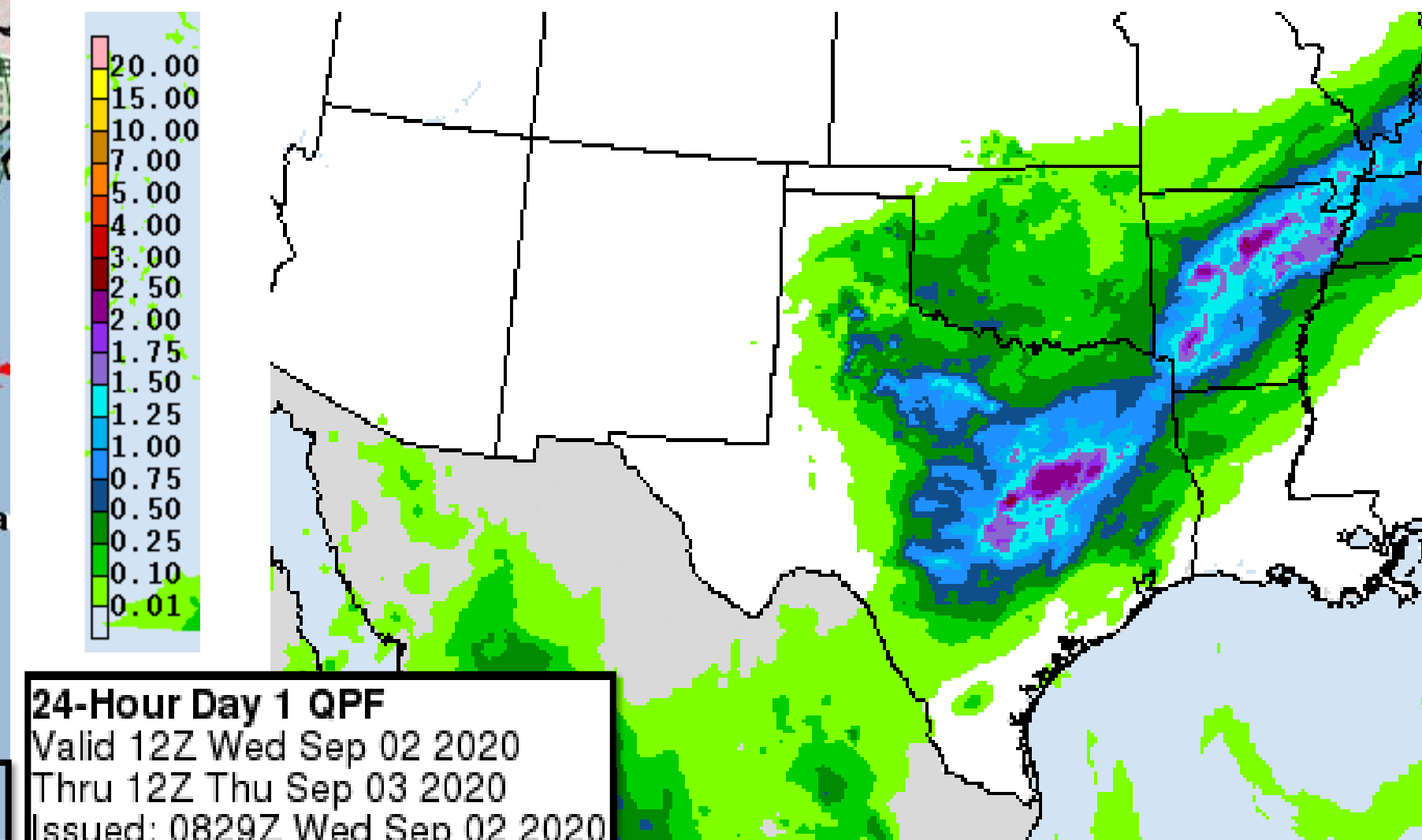


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## Forecast Chart



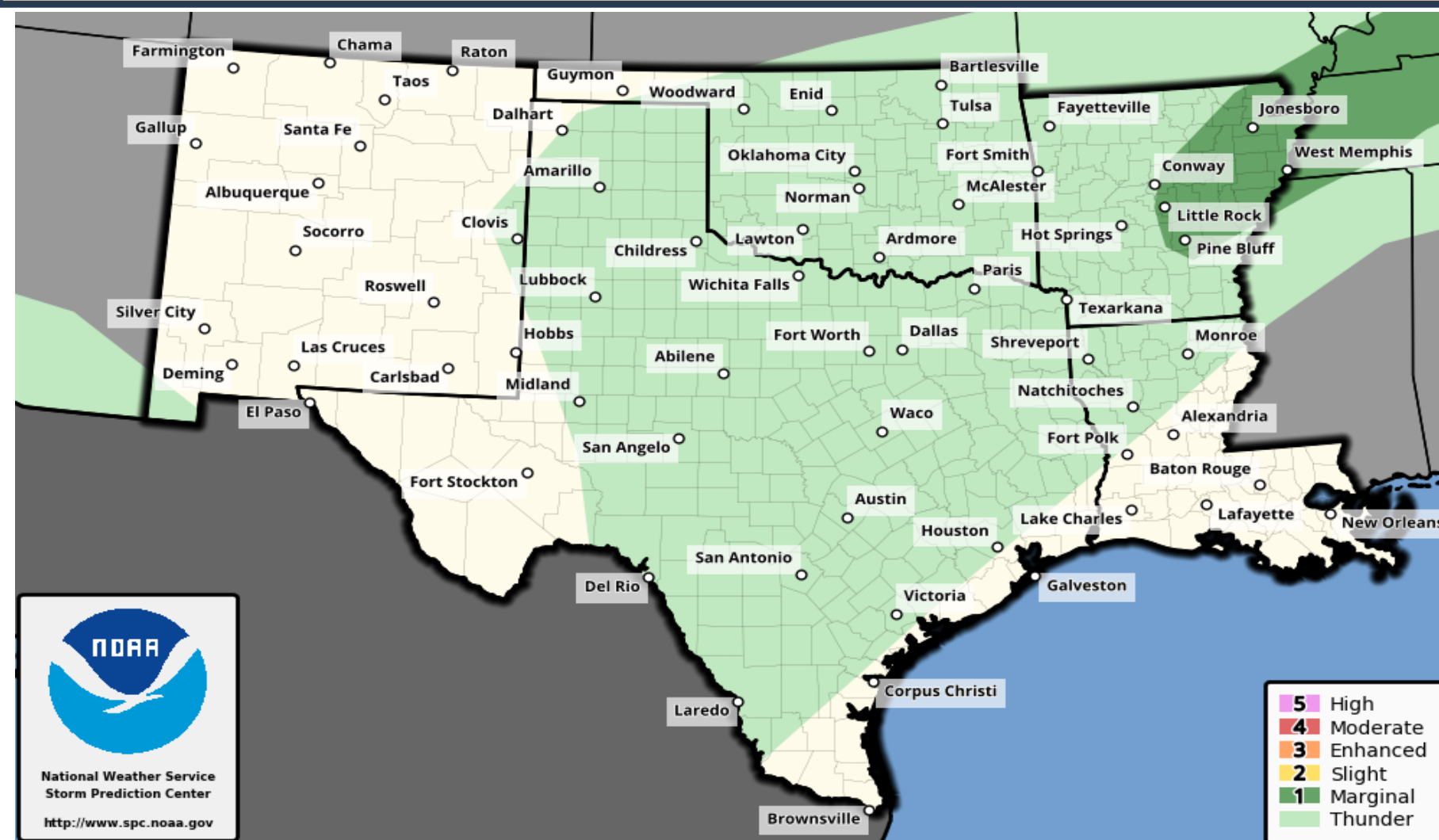
## Forecast Rainfall



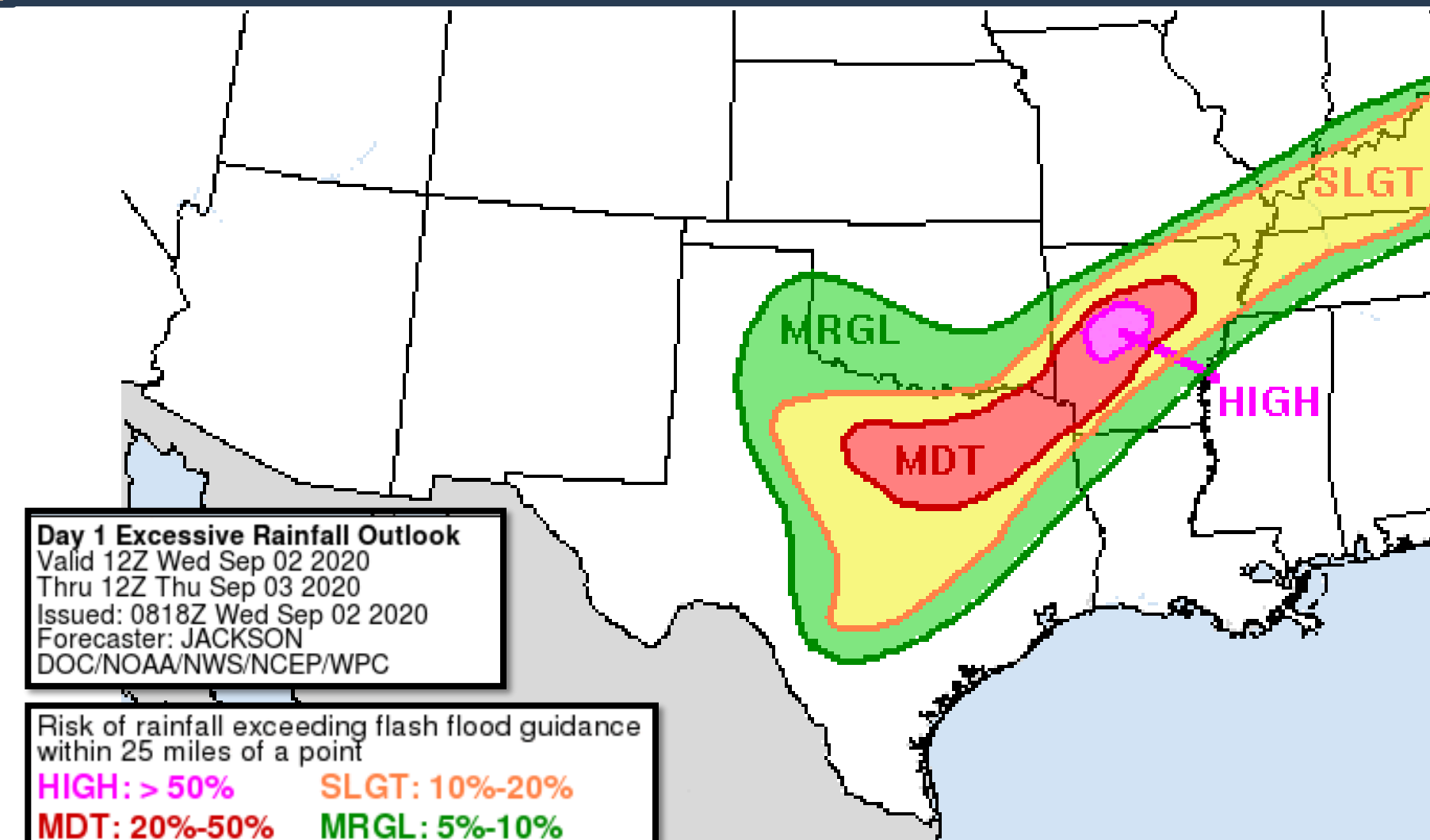
**High risk of heavy rain/flash flooding across central AR. Flash flooding expected.**

**Moderate risk of heavy rainfall and flash flooding across N TX, SE OK, and AR. Areas of flash flooding likely.**

## Severe Weather Outlook



## Excessive Rainfall Outlook



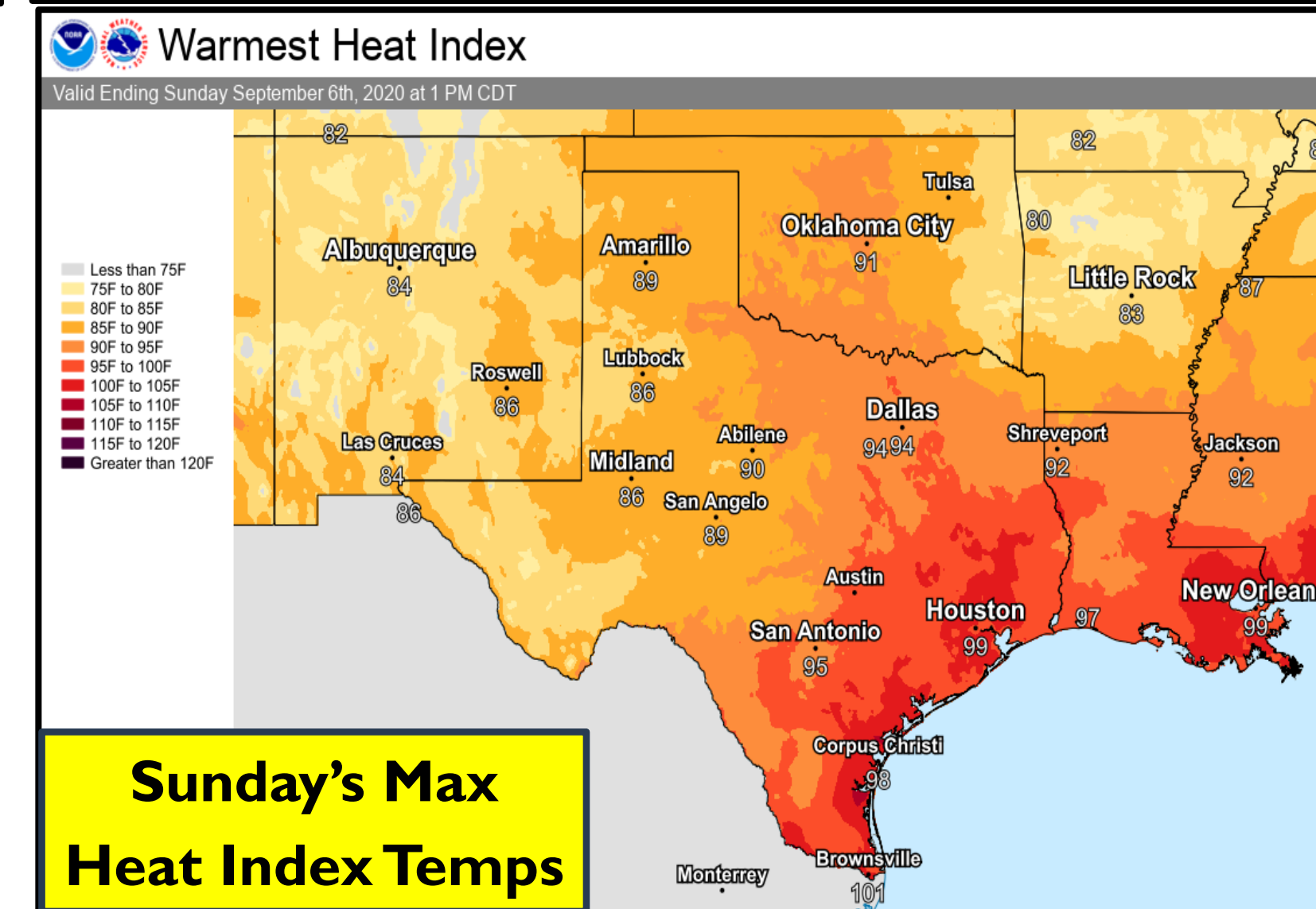
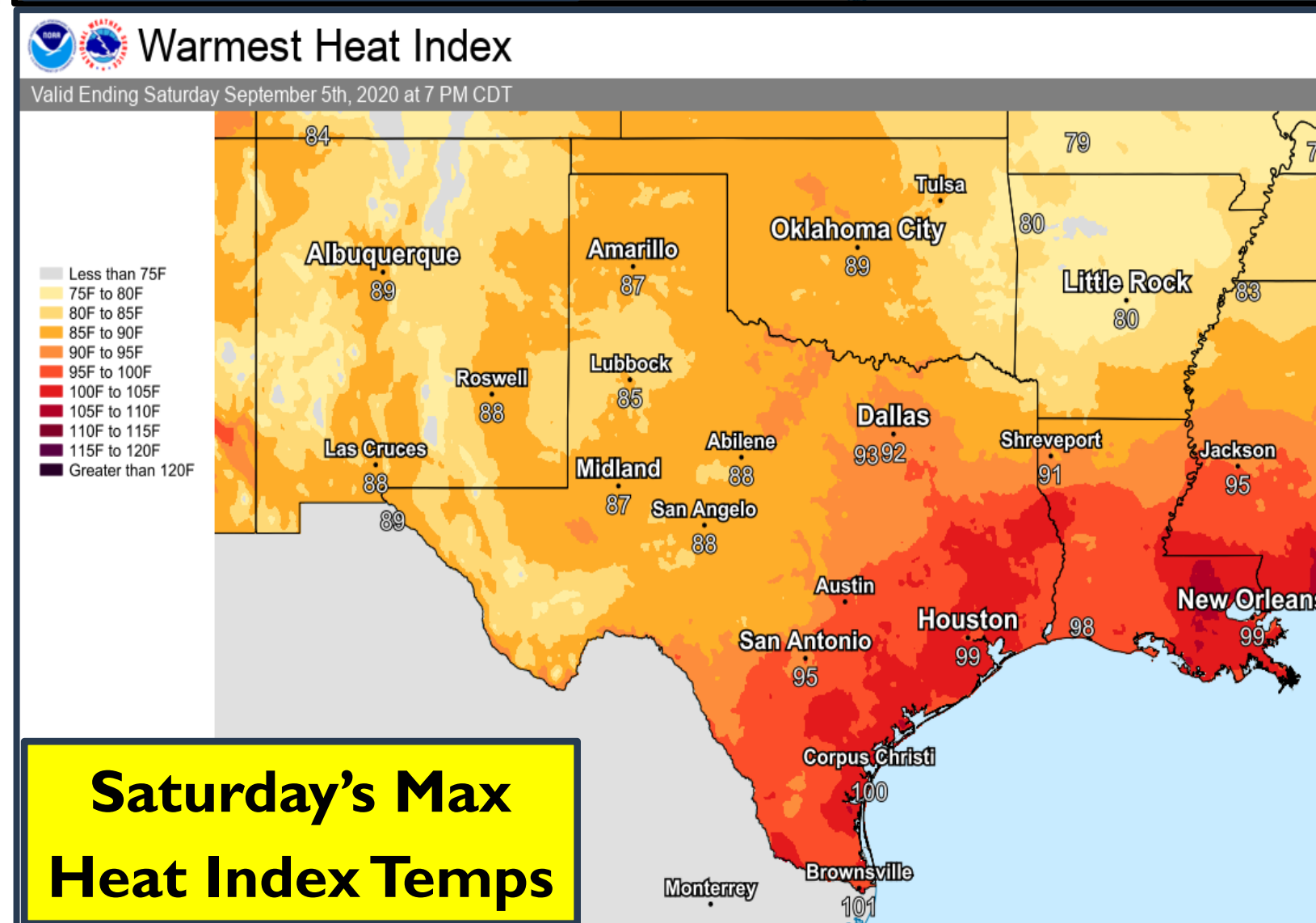
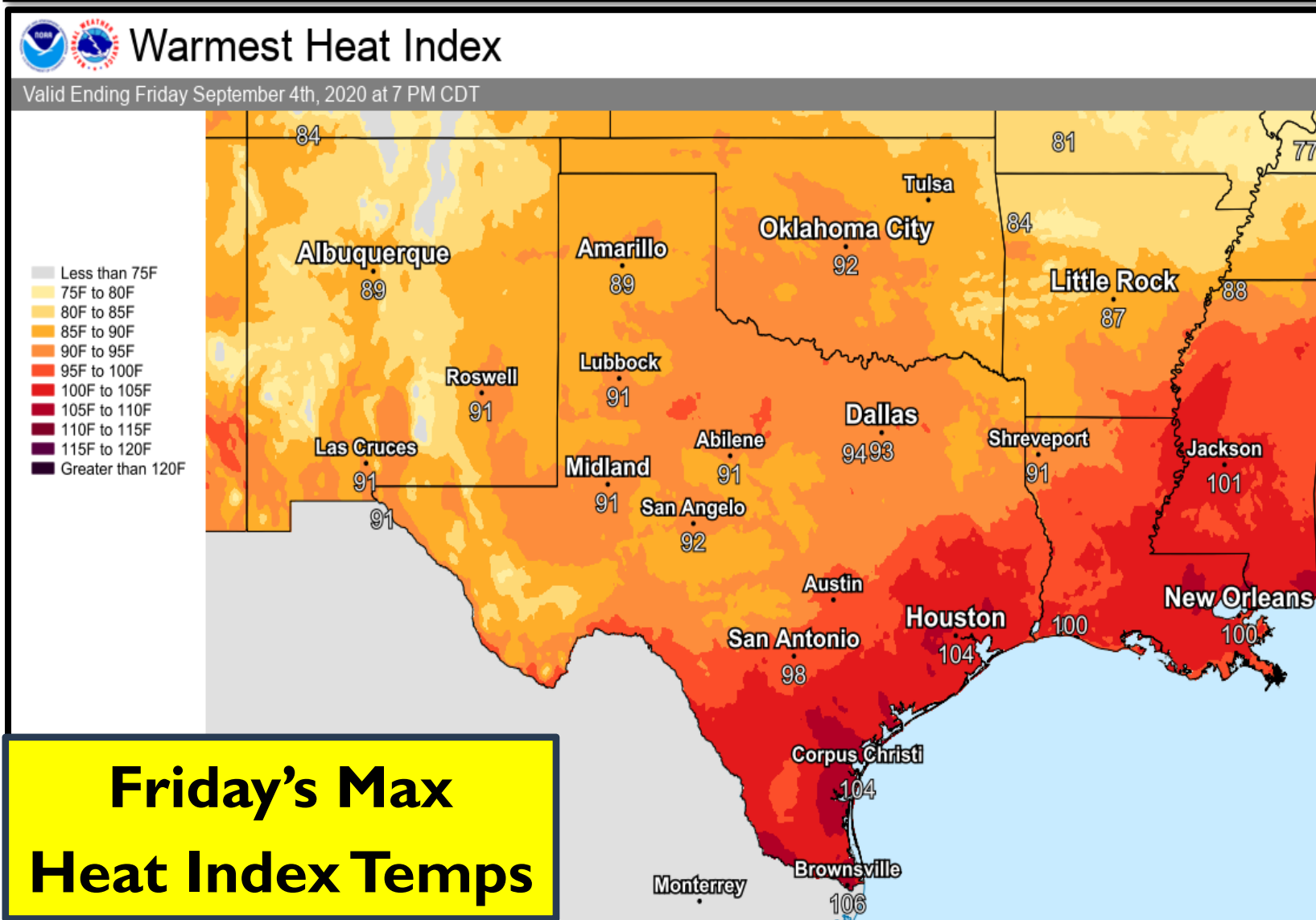
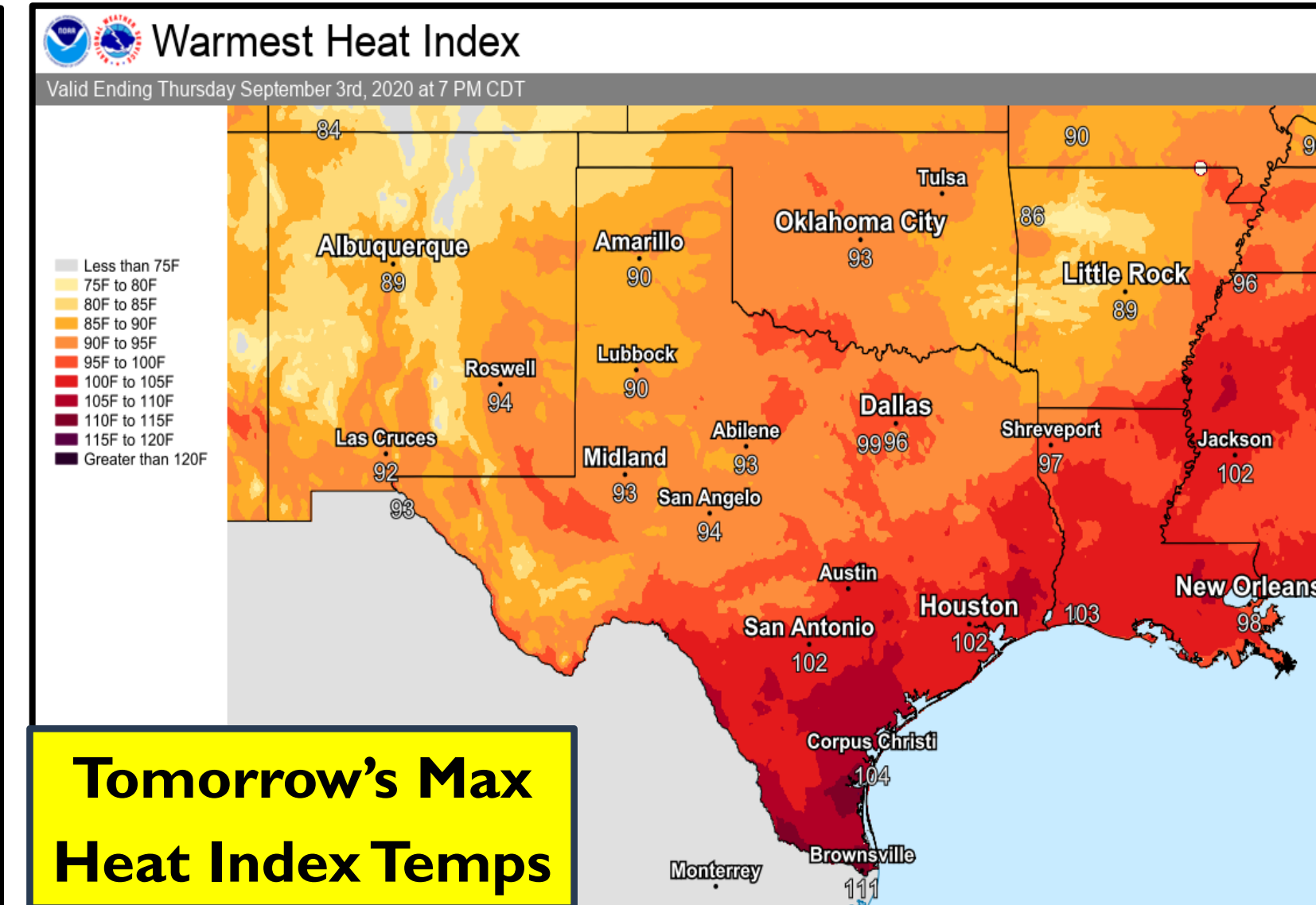
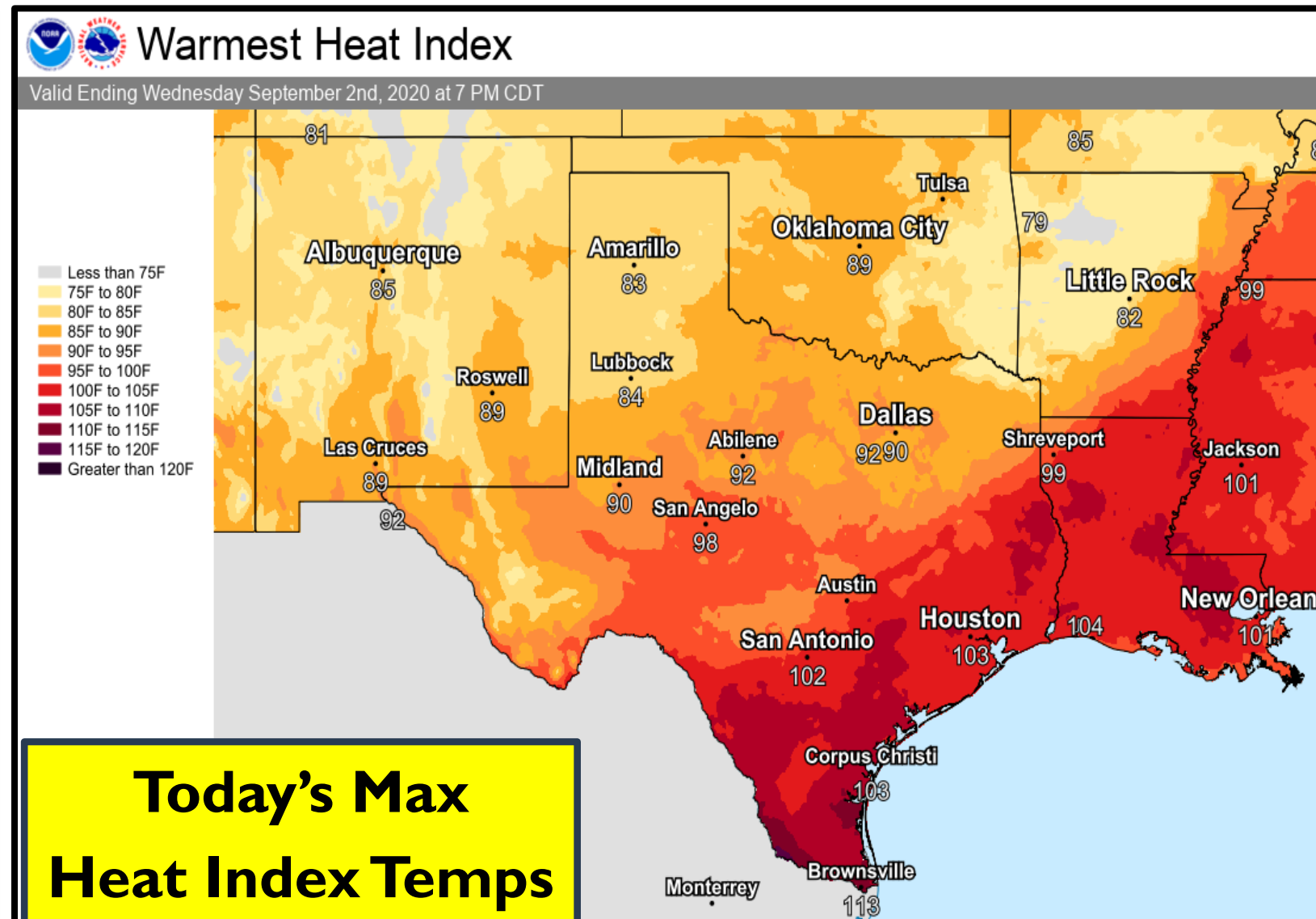
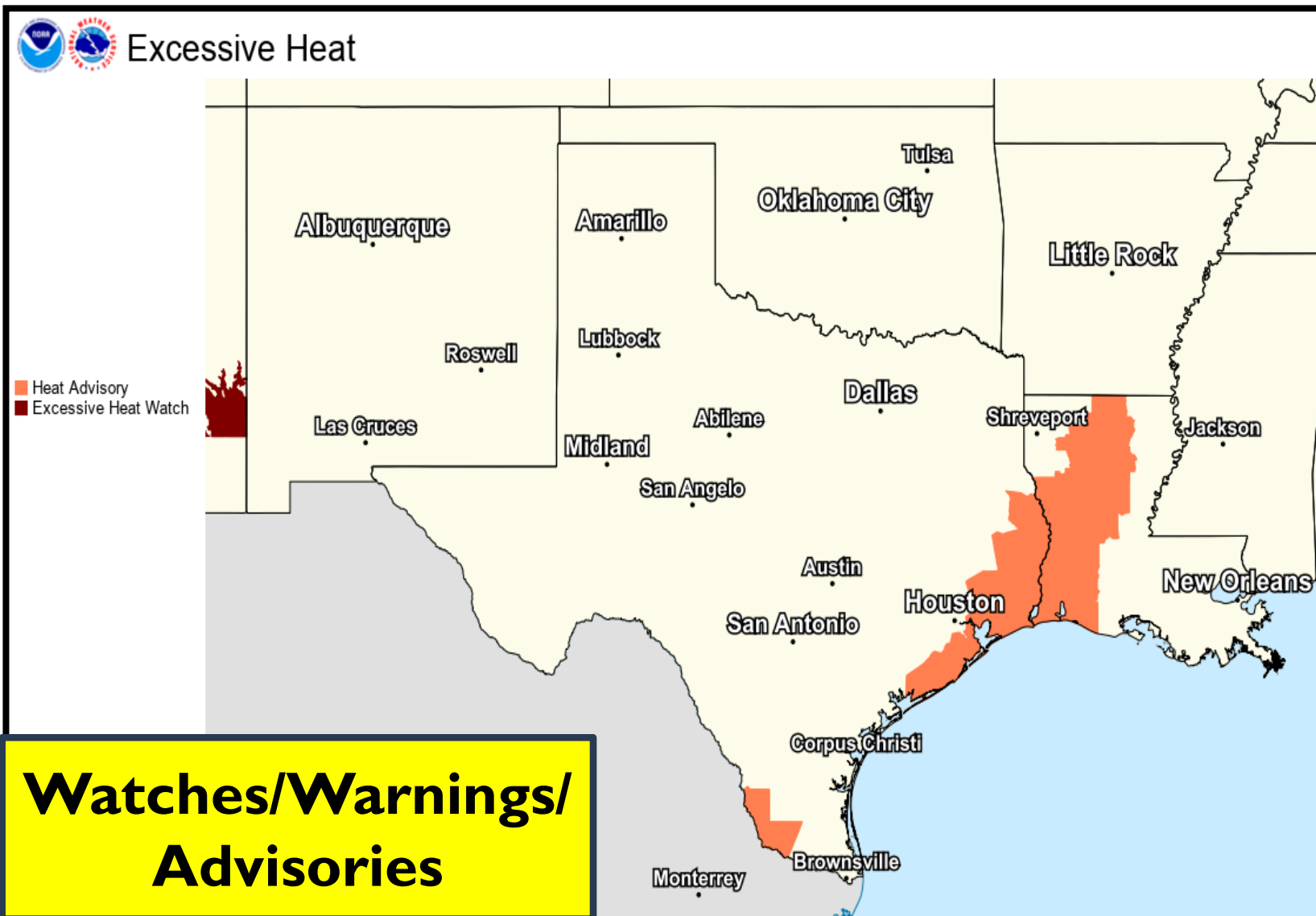
**Marginal risk of severe storms across E AR. Isolated damaging winds gusts and a tornado or two are the main threats.**



# Excessive Heat Outlook



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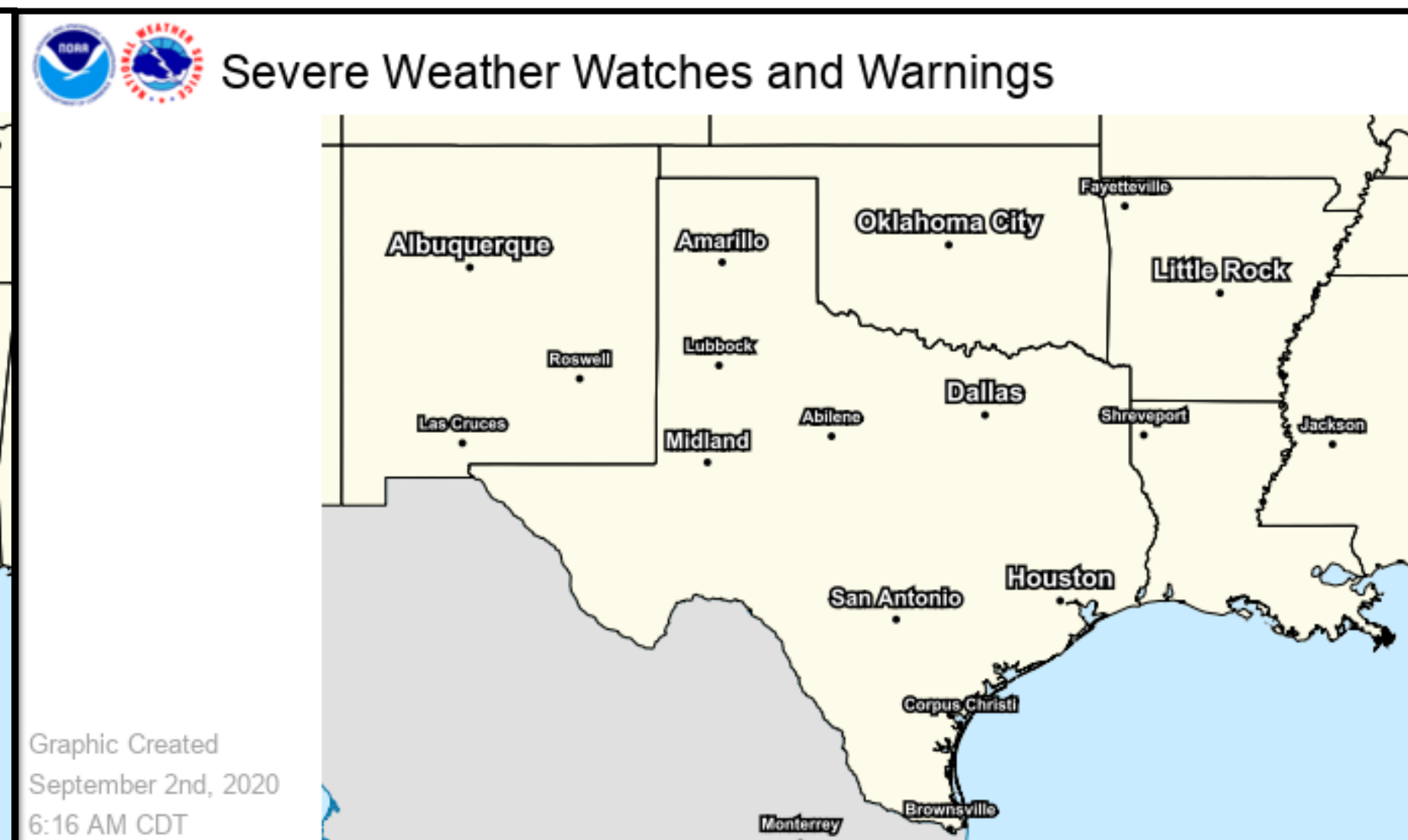


# Watches, Warnings, and Advisories

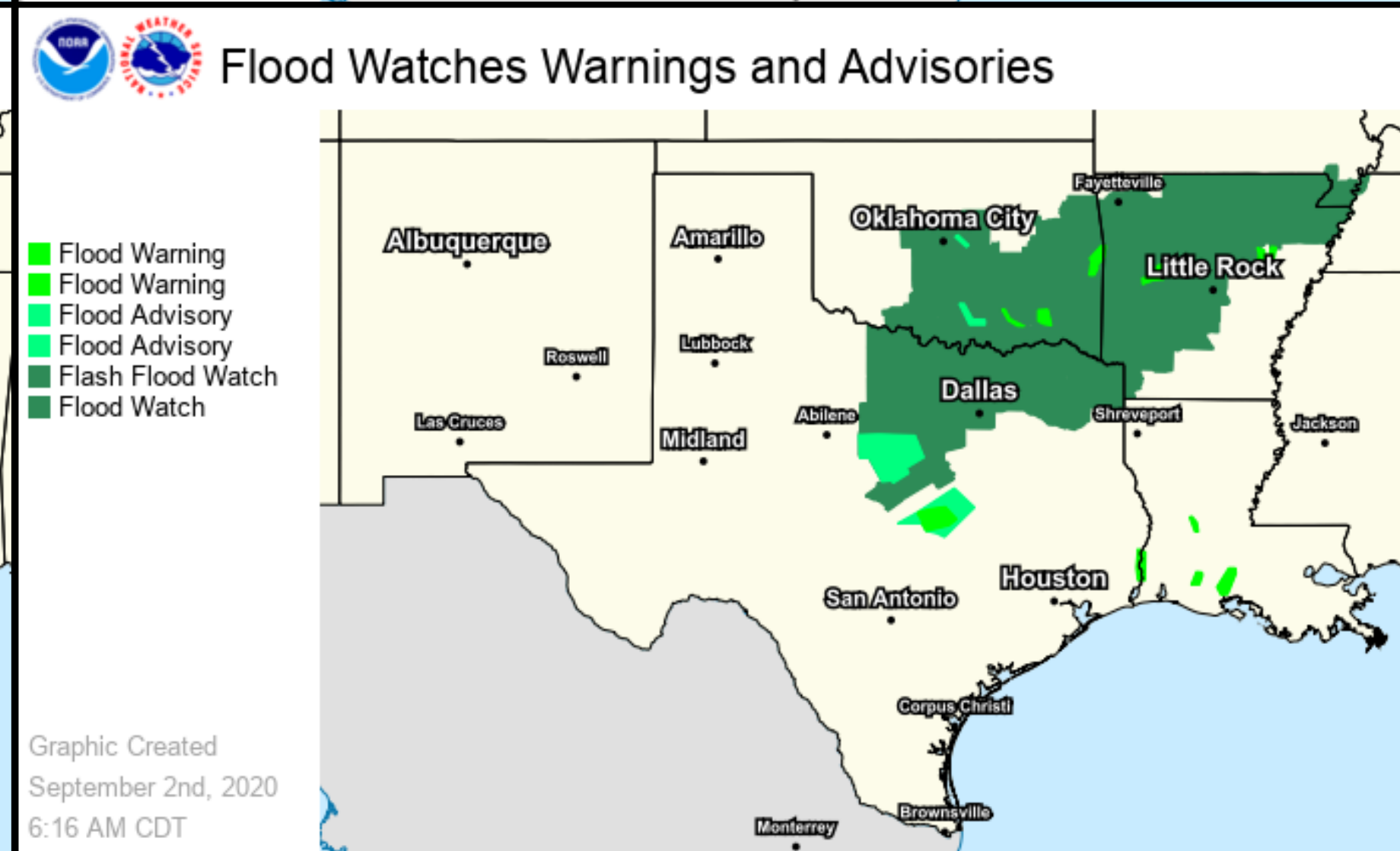
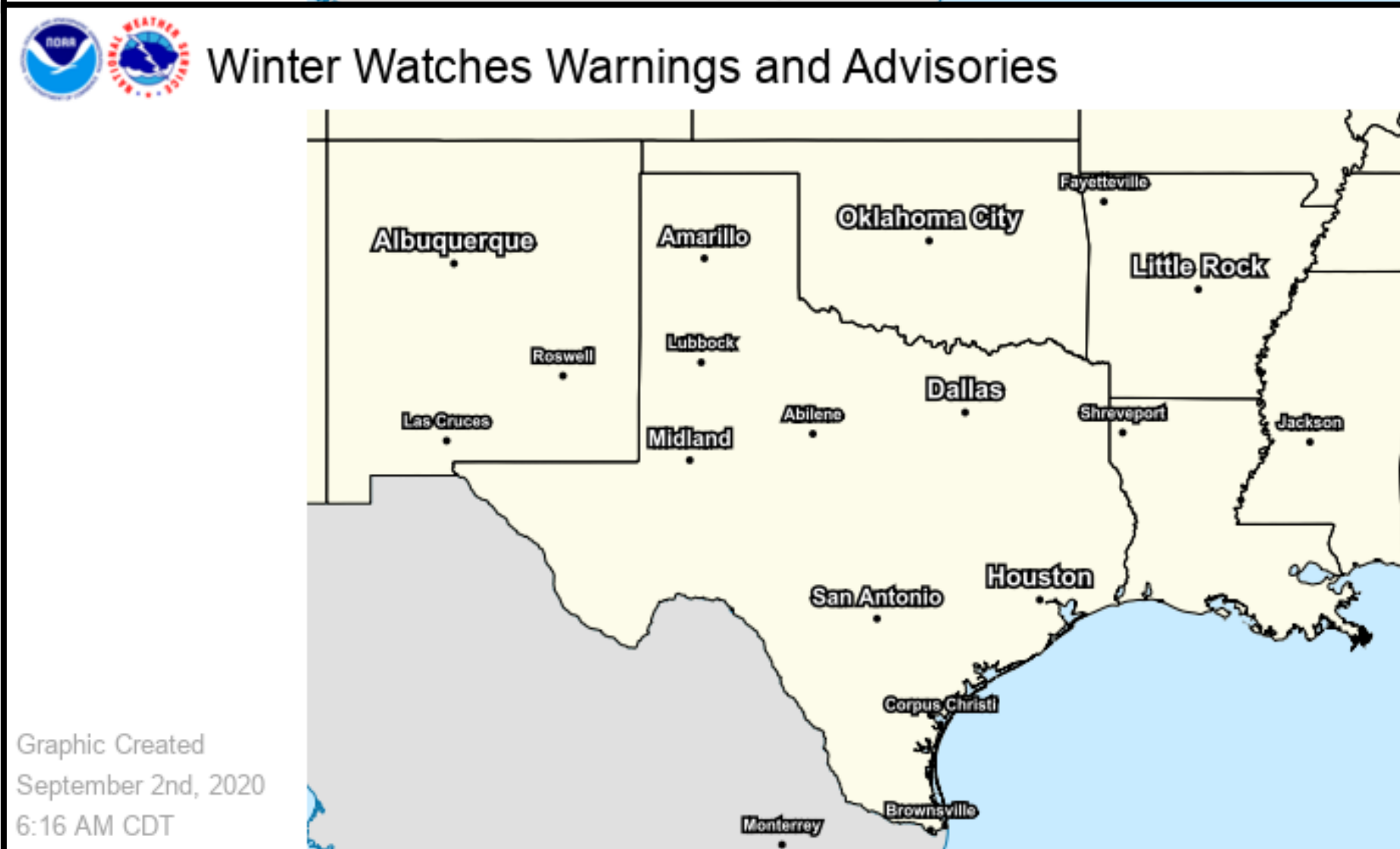
Wind, Severe, Winter, and Flood Hazards



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**Flash Flood Watches in effect  
for portions of OK, AR, and  
NTX.**



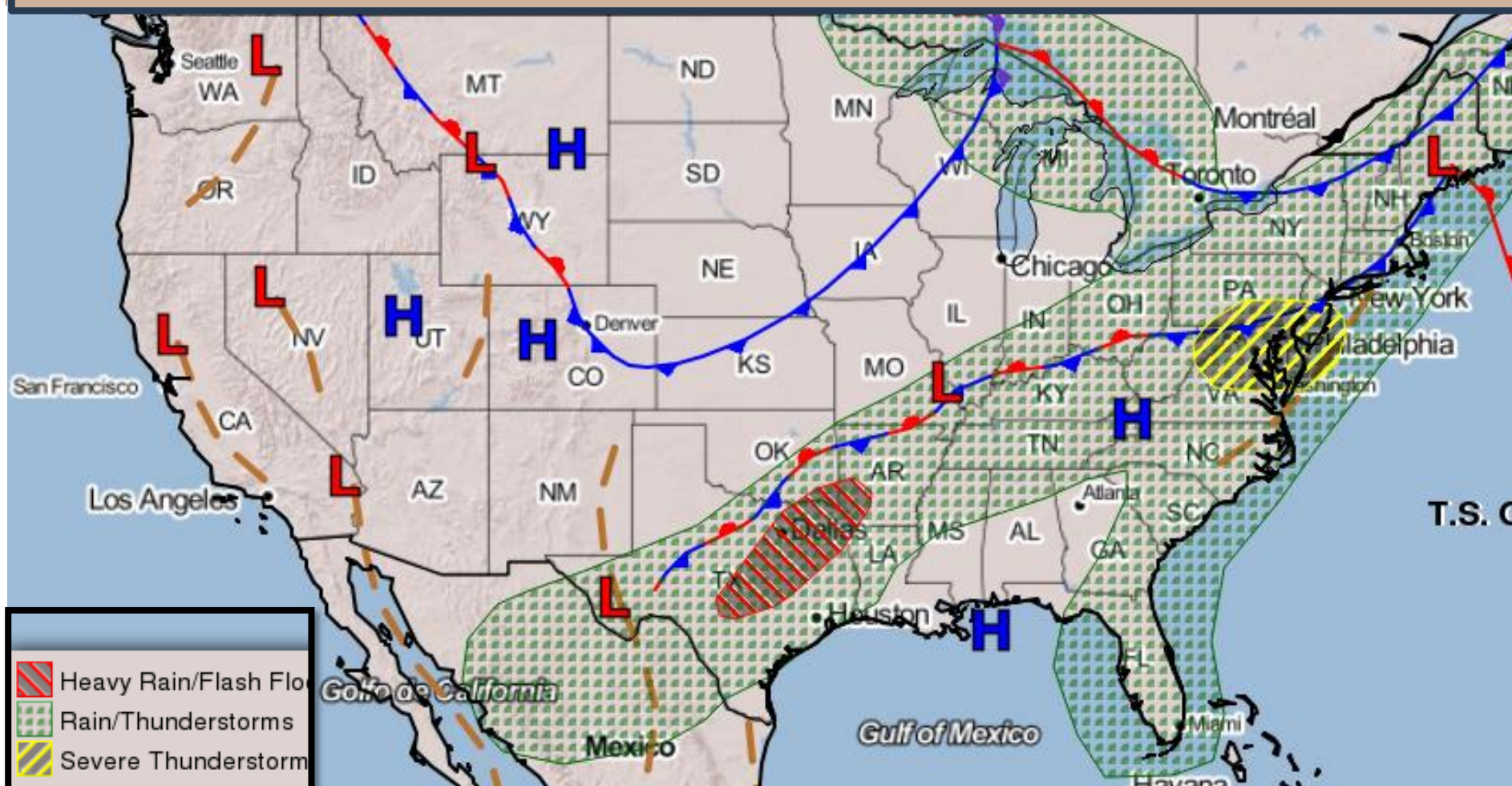


# Tomorrow's Weather



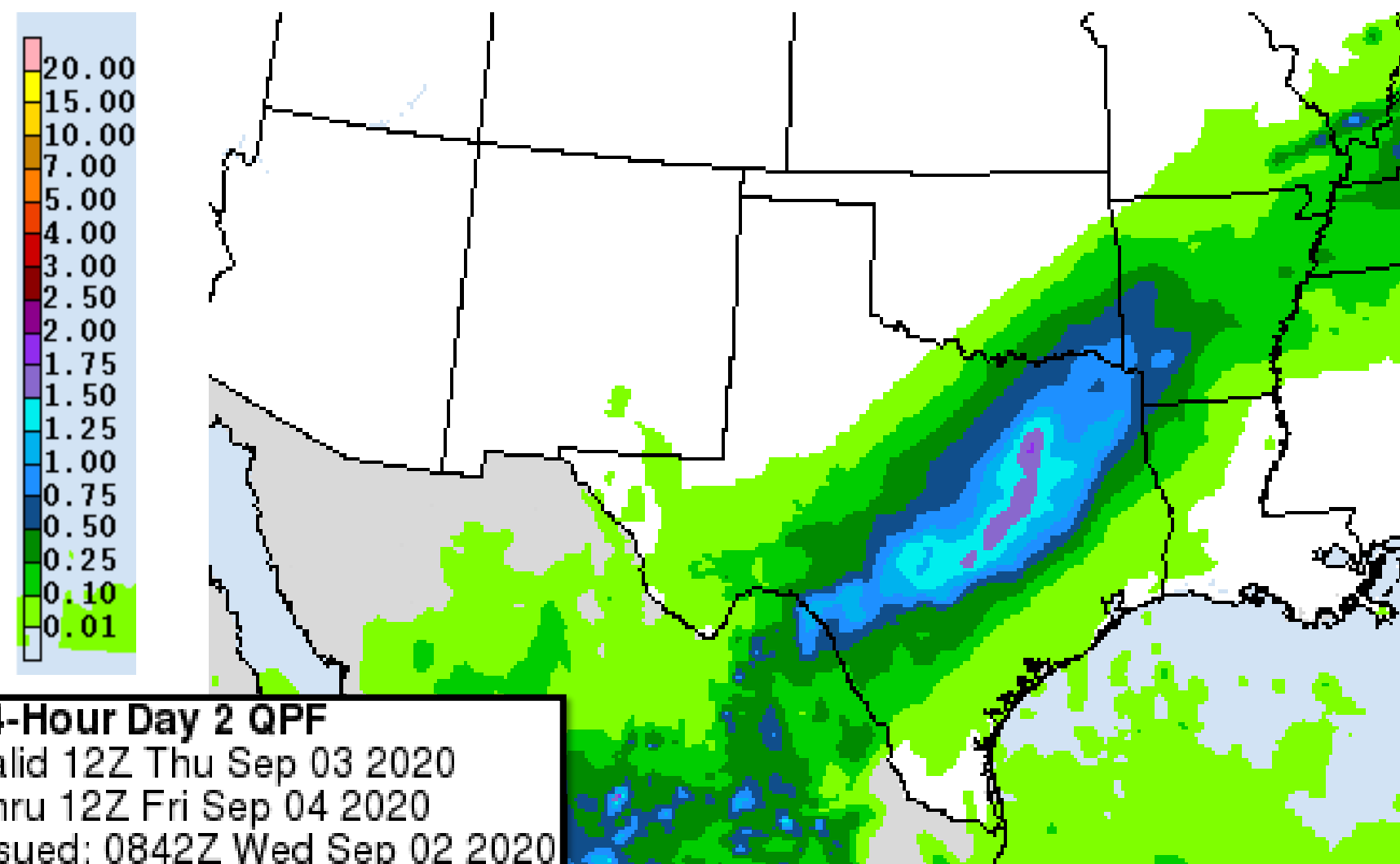
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## Forecast Chart



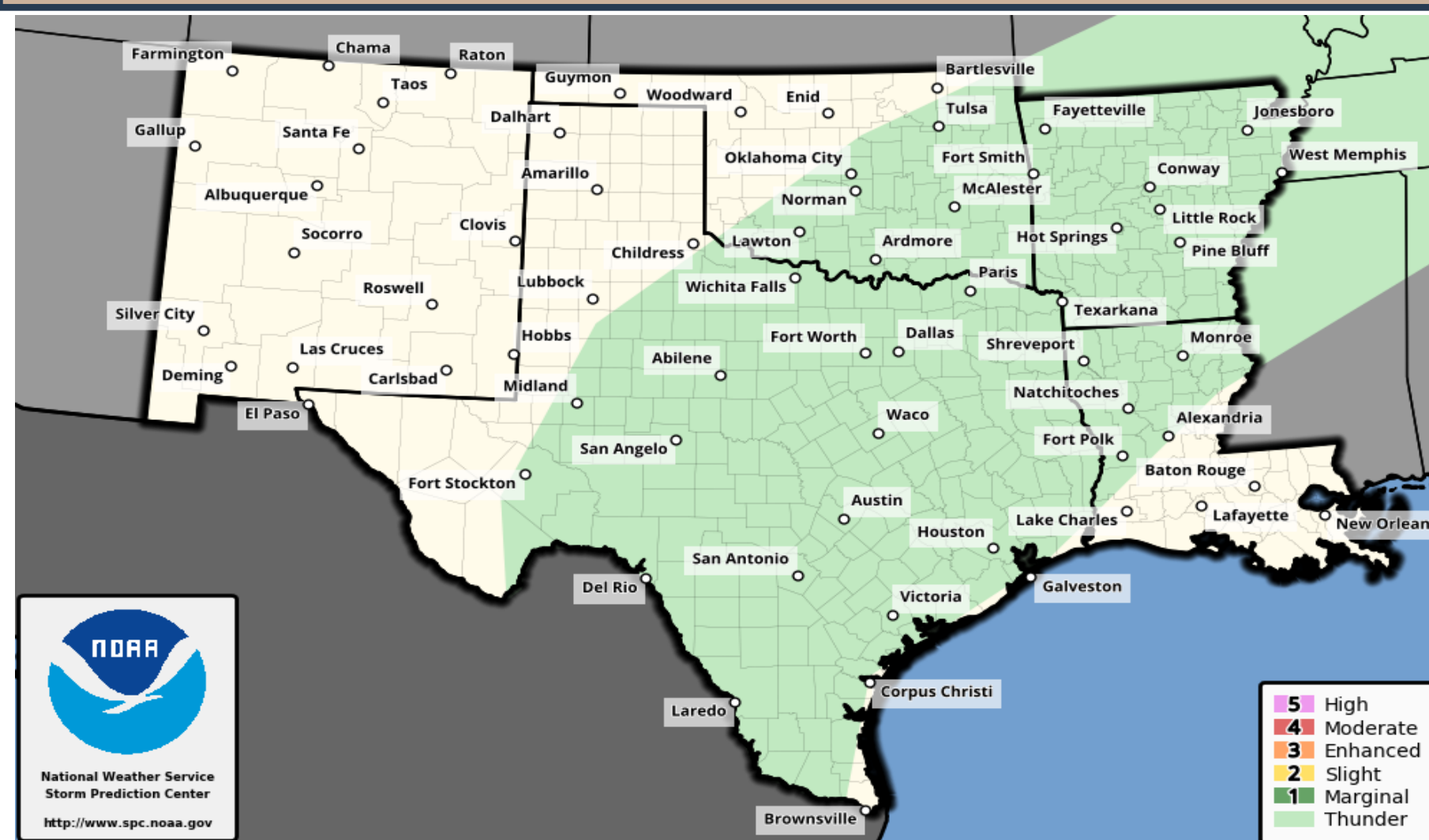
Weather Valid 8am EDT Thu Sep 03 2020 to 8am EDT Fri Sep 04 2020  
Fronts Valid 8am EDT Thu Sep 03 2020  
Issued 4:31 AM EDT Wed, Sep 02, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Santorelli with WPC/SPC/NHC forecasts.

## Forecast Rainfall

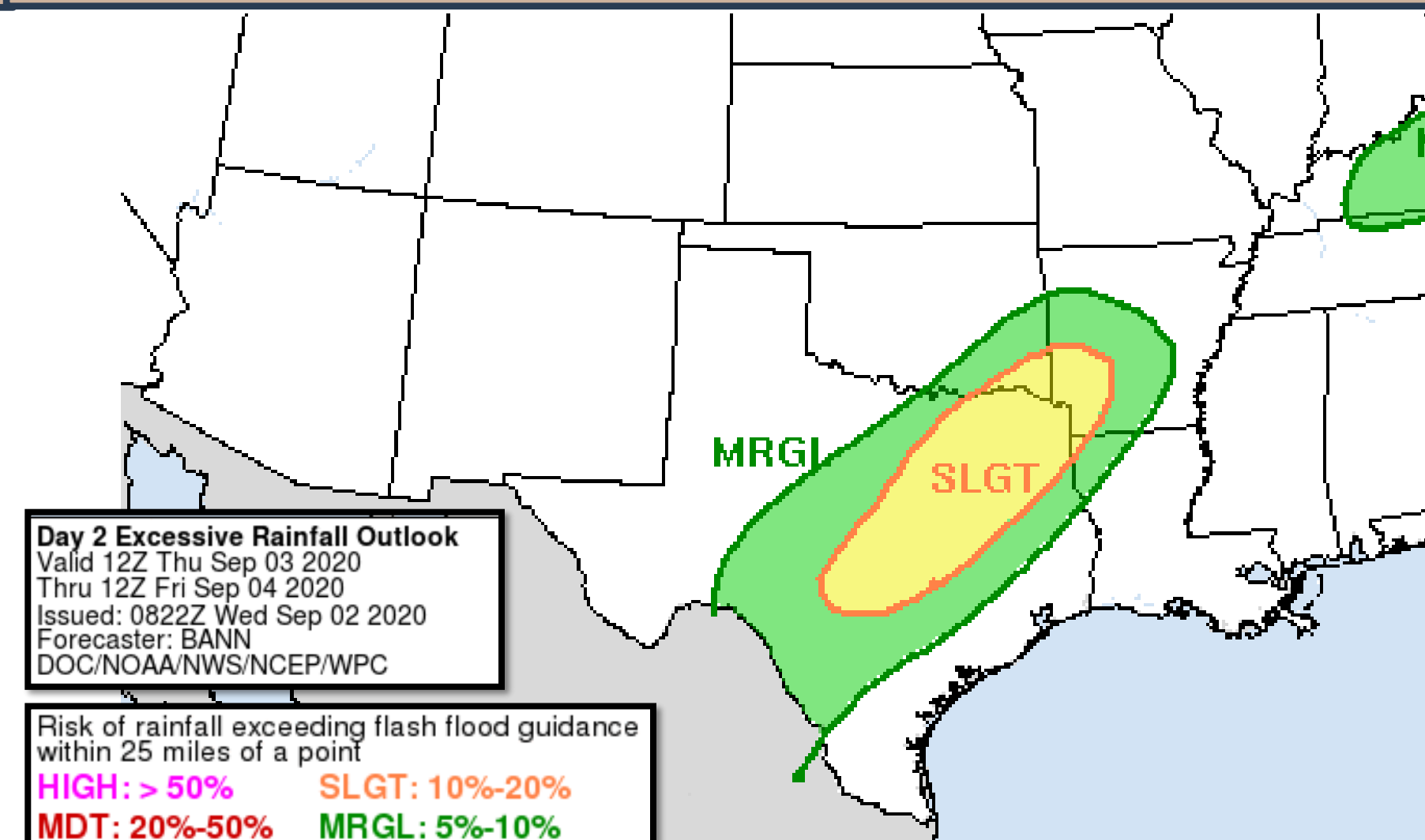


**Slight risk of heavy rain/flash flooding for parts of TX, SE OK, SW AR, and NW LA.**

## Severe Weather Outlook



## Excessive Rainfall Outlook



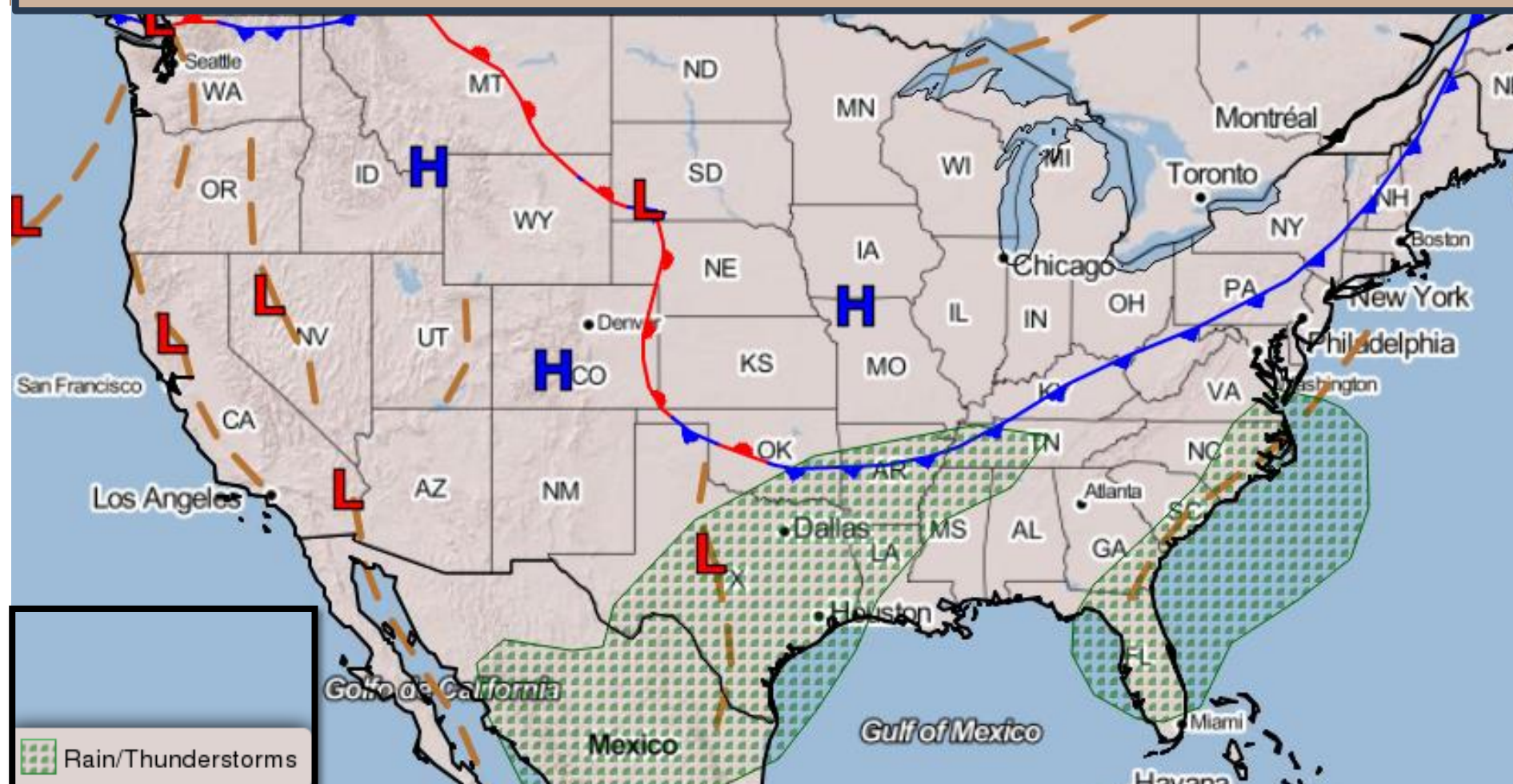


# Friday's Weather



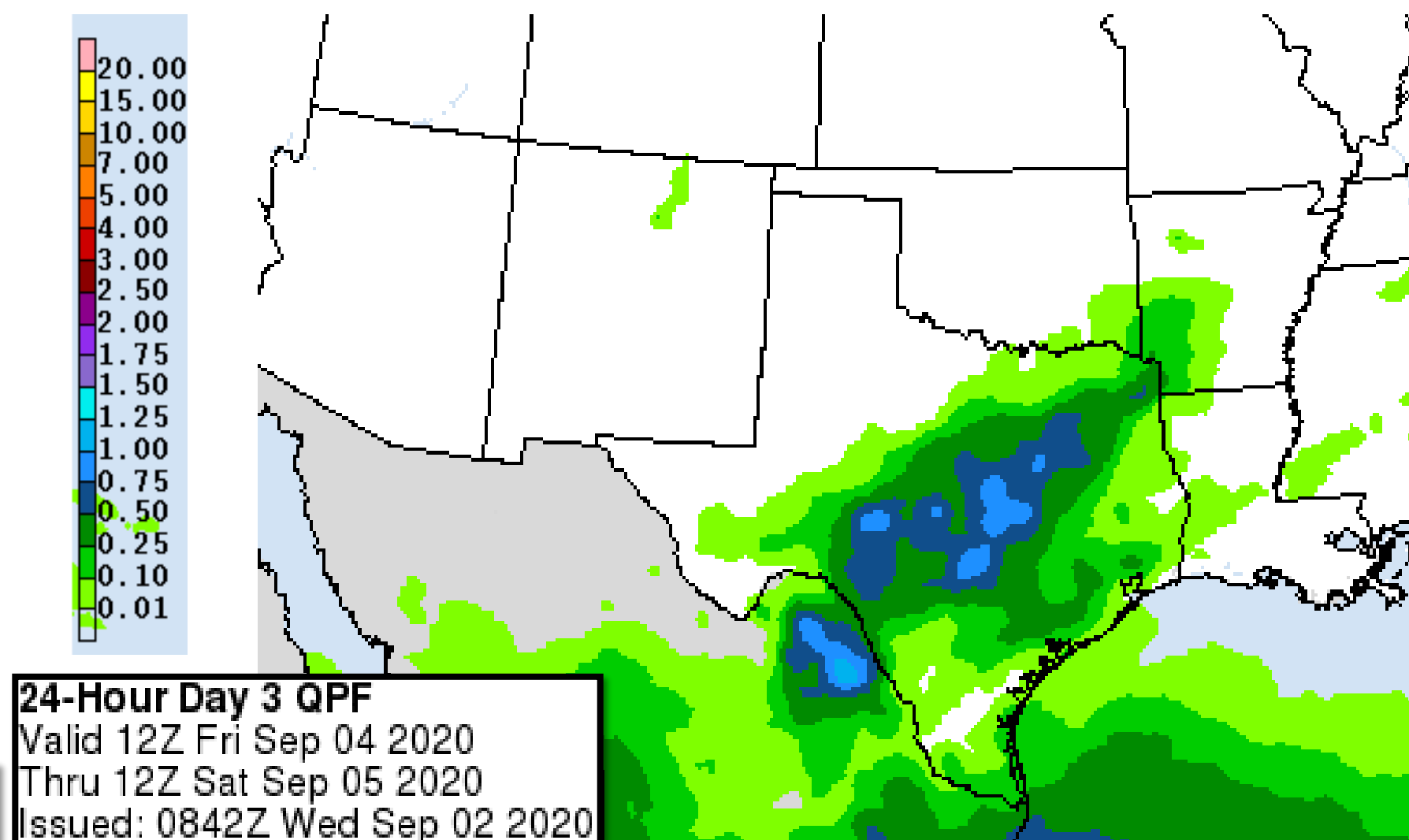
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## Forecast Chart



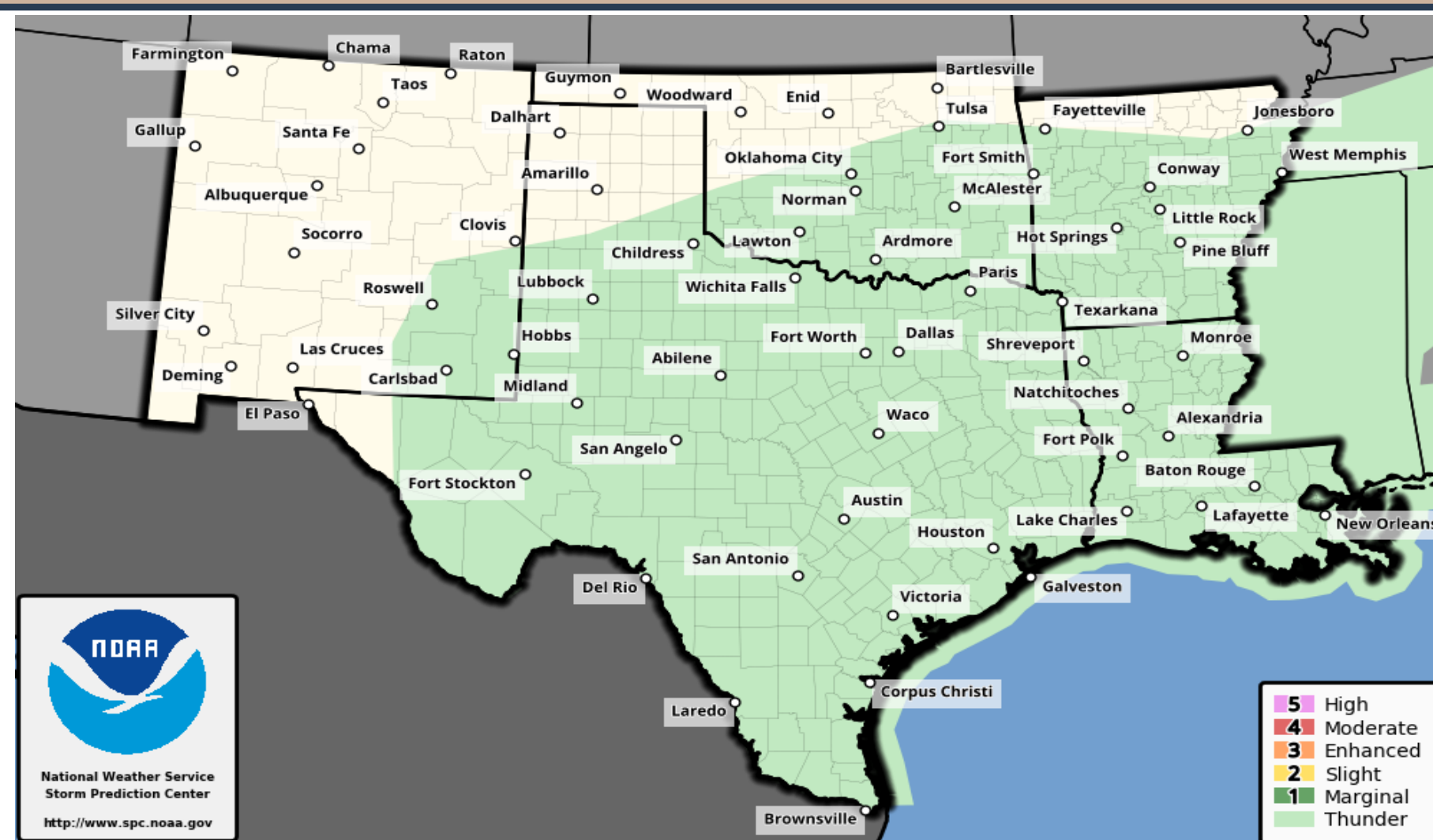
Weather Valid 8am EDT Fri Sep 04 2020 to 8am EDT Sat Sep 05 2020  
Fronts Valid 8am EDT Fri Sep 04 2020  
Issued 4:33 AM EDT Wed, Sep 02, 2020  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Santorelli with WPC/SPC/NHC forecasts.

## Forecast Rainfall

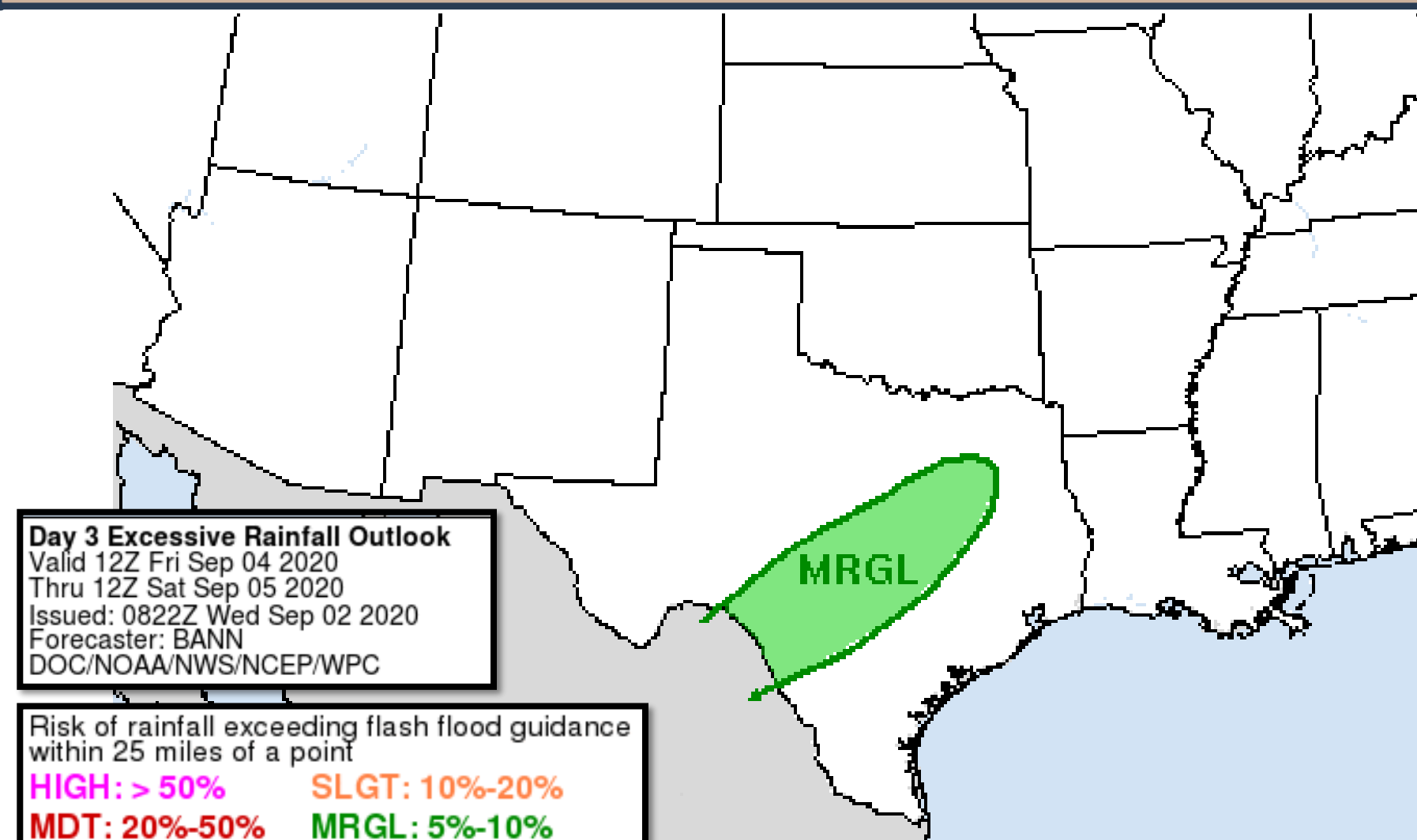


**Marginal risk of excessive rainfall and flash flooding across TX.**

## Severe Weather Outlook



## Excessive Rainfall Outlook



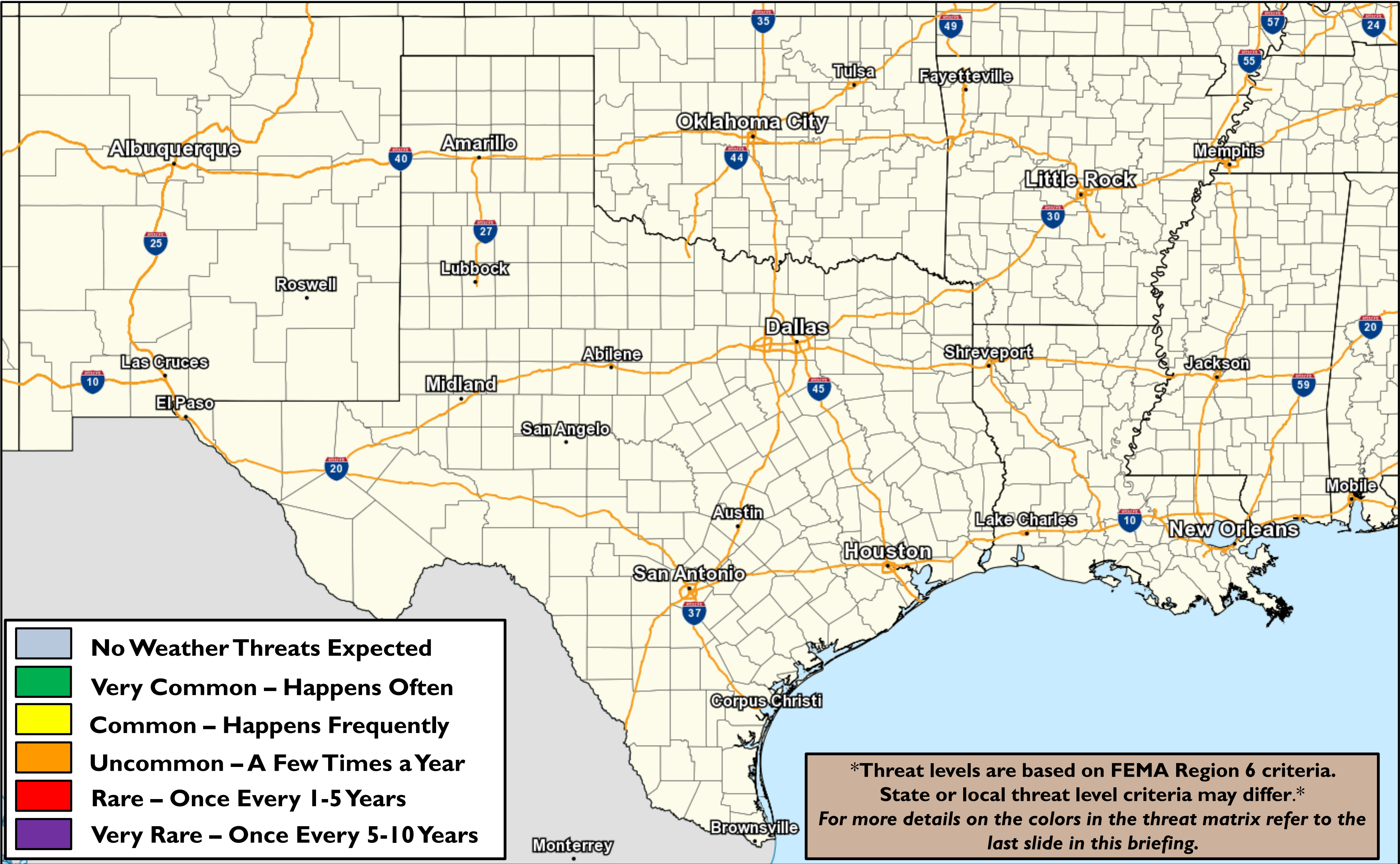


# Days 4-5 Weather Hazards

Saturday - Sunday



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No significant impacts expected.

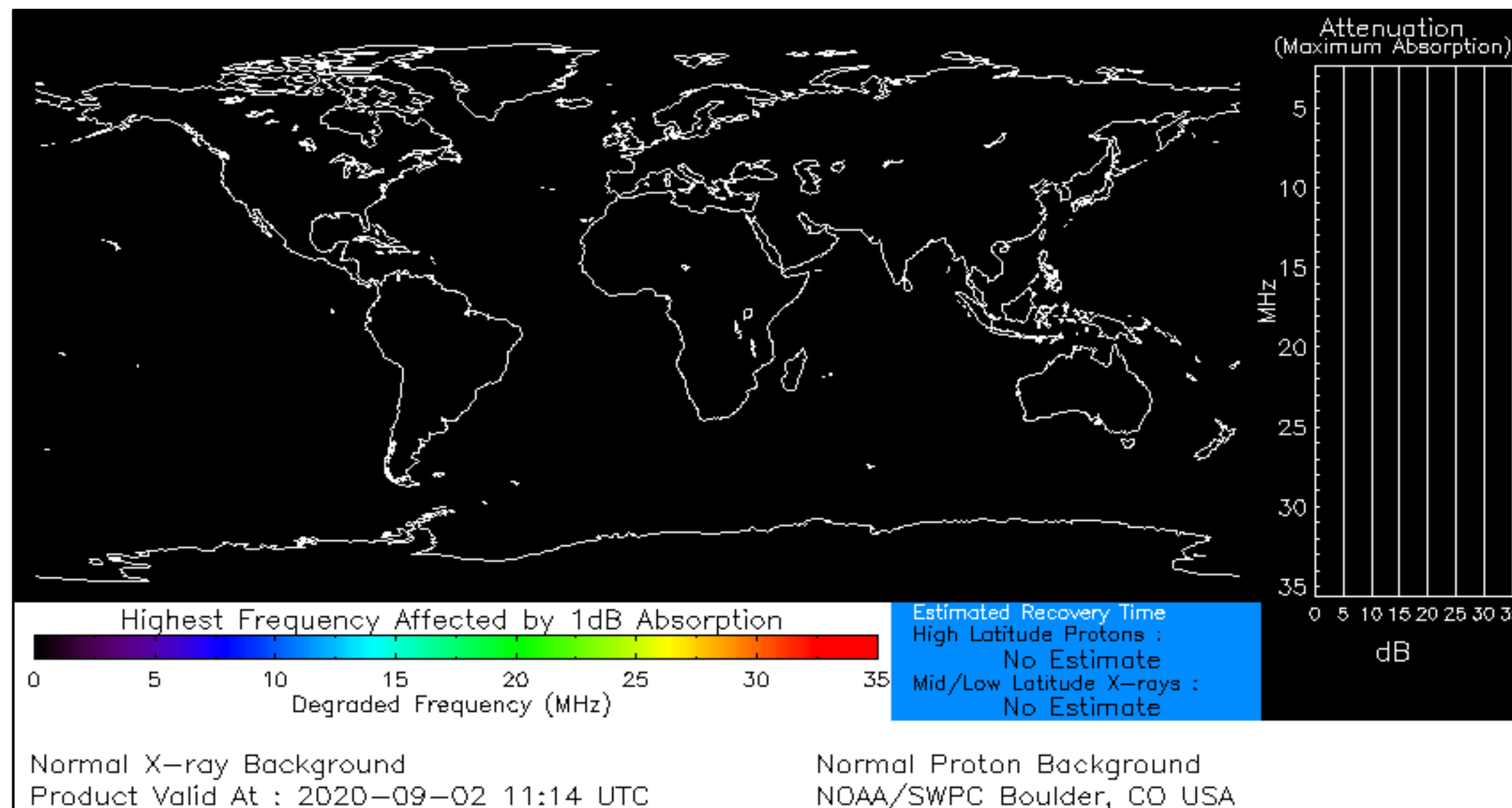


# Space Weather 3-Day Forecast



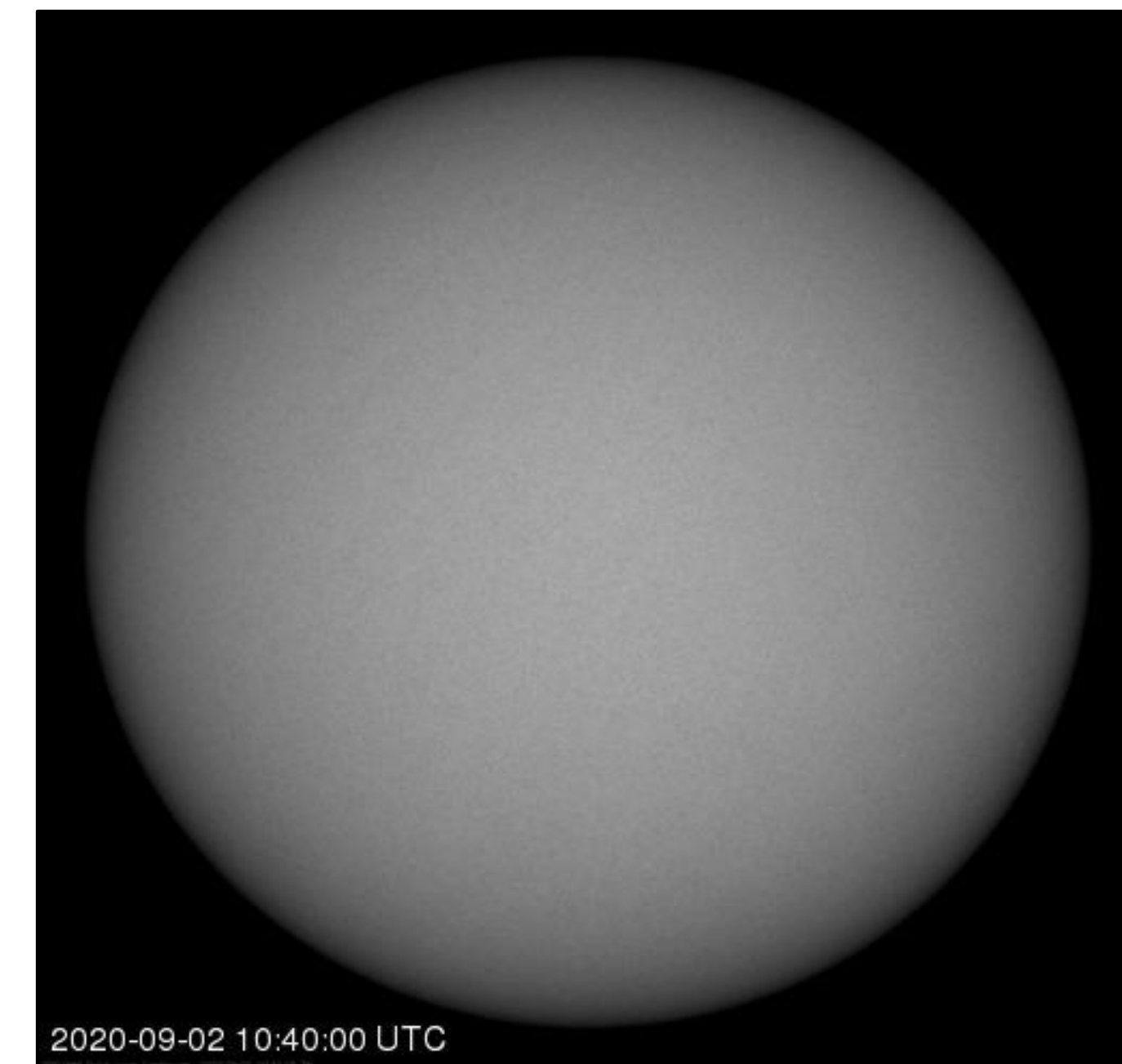
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)







**For more information, please contact:**

**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**